CONFIDENTIAL

MONTHLY BULLETIN

OF

THE OBSERVATORY

LIBRARY
JUN 4 1942
WEATHER BUREAU

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1942

J. A. BROWN, DIRECTOR

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FEBRUARY 1942

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0C Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.9	62.9	63.1	63.0	16.4	11.5	13.9	16.1	12.3	14.1
2	0.2	57.2	56.4	57.9	19.1	11.6	11.6	17.3	13.8	14.2
3	57.6	7.3	9.2	8.0	16.1	12.0	12.6	15.5	12.6	13.6
4	60.2	9.2	9.4	9.6	16.1	12.1	12.3	15.4	12.8	13.5
5	58.2	8.5	60.6	9.1	17.1	10.6	12.1	13.7	12.2	12.7
6	63.9	64.1	5.6	64.5	17.0	11.0	11.3	16.6	13.0	13.6
7	6.8	5.6	6.3	6.2	16.8	11.8	12.1	16.7	15.0	14.6
8	6.2	5.0	5.3	5.5	17.6	12.0	12.7	17.0	14.9	14.9
9	3.8	2.8	2.4	3.0	18.2	12.4	12.4	18.2	15.2	15.3
10	1.7	0.2	1.1	1.0	19.2	13.6	13.9	18.9	15.5	16.1
11	59.5	57.7	56.4	57.9	20.6	14.9	16.7	19.4	18.6	18.2
12	8.6	9.3	60.2	9.4	17.7	13.0	15.9	17.0	14.8	15.9
13	61.7	61.2	1.7	61.5	17.5	12.2	13.3	16.7	13.7	14.6
14	1.2	0.0	0.4	0.5	16.9	12.4	12.5	16.6	13.9	14.3
15	59.2	58.5	59.9	59.2	16.7	12.8	12.8	16.1	13.9	14.3
16	61.7	62.0	62.0	61.9	17.0	11.8	12.9	16.4	12.5	13.9
17	2.2	2.1	2.6	2.3	17.0	11.4	12.2	16.4	12.2	13.6
18	0.2	59.5	59.6	59.8	16.8	12.2	12.4	15.7	14.8	14.3
19	58.0	6.1	6.7	6.9	17.7	12.4	14.3	16.1	14.0	14.8
20	5.2	3.6	4.4	4.4	14.5	9.4	13.3	11.0	11.8	12.0
21	5.8	8.0	60.3	8.0	15.9	10.0	11.0	15.5	14.2	13.6
22	62.8	62.7	4.0	63.2	15.6	10.3	10.9	14.6	12.9	12.8
23	4.3	4.7	6.0	5.0	15.1	10.6	11.1	15.2	11.6	12.6
24	5.9	4.6	3.7	4.7	16.7	11.6	11.7	16.3	14.4	14.1
25	0.6	59.5	59.0	59.7	19.9	13.8	14.0	18.4	16.1	16.2
26	55.8	3.9	8.4	6.0	27.0	15.5	16.6	25.1	17.4	19.7
27	61.1	61.6	63.2	62.0	18.5	13.1	15.5	17.6	14.9	16.0
28	4.4	3.9	3.5	3.9	18.1	13.4	14.0	17.4	15.0	15.5
	61.02	60.41	61.12	60.86	17.60	12.12	13.07	16.67	14.07	14.60

Barometer, range for month 766.8 mm.—753.6 mm.
,, 62-yr. average for month 762.10 mm.
Thermometer, range for month 27.0° C.—9.4° C.
,, 62-yr. average for month 14.28° C.
Rain, total for month 75.67 mm.
,, , 62-yr. average for month 161.29 mm.
,, , total, from Sept. 1st 687.81 mm.
62-yr. average, total from Sept. 1st 715.52 mm.

*Summer time

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	9.0	8.5	8.3	8.6	76	62	79	72	8.2	224.0	
2	7.3	9.2	8.3	8.3	71	62	70	68	8.6	429.0	
3	8.7	9.3	8.9	9.0	79	71	82	77	7.2	861.0	0.76
4	10.5	9.6	9.0	9.7	96	73	82	84	2.6	534.4	14.73
5	6.7	7.3	8.0	7.4	64	66	76	69	4.8	728.0	7.62
6	9.3	10.9	10.1	10.1	93	78	90	87	7.9	250.0	12.70
7	8.9	11.1	10.4	10.1	85	79	83	82	9.6	338.0	
8	7.7	11.1	10.9	9.9	70	78	87	78	9.5	381.0	
9	8.3	11.0	10.9	10.1	77	71	85	78	9.1	179.2	
10	9.5	9.0	7.3	8.6	80	56	56	64	9.2	166.4	
11	6.9	10.1	7.4	8.1	48	60	46	51	6.3	280.0	
12	12.0	11.1	10.2	11.1	89	78	81	83	2.6	368.0	
13	9.2	10.1	9.6	9.6	81	71	82	78	6.6	166.4	0.76
14	8.4	9.8	9.2	9.1	78	70	78	75	8.7	217.6	
15	8.8	9.6	8.5	9.0	80	71	72	74	9.3	424.0	
16	8.5	9.7	8.9	9.0	77	70	82	76	9.4	212.8	
17	8.8	9.0	8.6	8.8	84	65	81	77	5.6	351.0	
18	8.3	9.9	9.6	9.3	77	75	77	76	0.2	144.0	
19	9.5	11.0	11.0	10.5	78	82	93	84	0.0	465.6	
20	8.0	7.9	7.2	7.7	70	81	70	74	0.6	1264.0	13.72
21	7.3	8.8	8.2	8.3	81	66	68	72	4.6	1011.2	6.09
22	8.7	8.6	8.5	8.6	89	70	75	78	2.3	668.8	8.63
23	8.8	9.4	8.5	8.9	90	73	84	82	5.8	280.0	10.41
24	7.5	9.8	9.7	9.0	73	71	79	74	7.2	448.0	
25	9.1	11.9	8.4	9.8	76	76	62	71	1.9	187.2	
26	9.5	11.1	11.0	10.5	68	48	74	63	5.3	670.4	
27	10.6	12.0	10.0	10.9	81	71	79	77	5.5	508.8	0.25
28	9.0	10.6	10.4	10.0	75	72	83	77	6.2	403.2	
	8.75	9.91	9.17	9.28	78.1	70.2	77.0	75.0	5.88	430.78	2.70

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.3 m.
Time of readings minus 3 hours equals G.C.T.
62-year averages are for period, 1875-1936

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	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes*
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5cu	1cu	0	2.0	1sw	1sw	0s	mod.	
2	10ci	1ci	0	3.7	1s	1ne	0e	slight	D a.m.
3	10cu	9cu	10ni	9.7	2s	3sw	2sw	„	
4	10ni	10cu	2cu	7.3	0s	1sw	0s	mod.	
5	0	10ni	10ni	6.7	0s	3sw	2sw	„	
6	2cu	8cu	0	3.3	1se	1sw	0se	mod.	
7	0	0	0	0.0	0se	1n	2ne	light	D & M a.m.
8	0	7ci	0	2.3	1s	2ne	1ne	„	„ „ „ „
9	1ci	8cu	0	3.0	0e	0n	1nw	„	„ „ „ „
10	0	0	0	0.0	0e	0s	0w	calm	„ a.m.
11	3ci	7cu	0	3.3	1se	0s	0e	calm	H a.m.
12	9cu	10cu	6cu	8.3	1sw	1sw	1sw	light	
13	4cu	4ci	2cu	3.3	1se	1s	0se	„	
14	3cu	0	0	1.0	0se	1sw	0s	calm	
15	3cu	1cu	0	1.3	1ne	2ne	1ne	slight	D a.m.
16	9cu	1cu	0	3.3	0se	1w	0w	calm	
17	2cu	3cu	0	1.7	1sw	1w	0w	light	D a.m.
18	10cu	10cu	10cu	10.0	0e	1ne	0n	slight	
19	10cu	10cu	6ni	8.7	0ne	1e	0ne	„	
20	10ni	10ni	10ni	10.0	2sw	4sw	4w	rough	G & T at night
21	10ni	7ni	9ni	8.7	3w	4w	3w	rough	
22	10ni	9ni	10ni	9.7	2sw	3sw	2sw	„	
23	10ni	3cu	3cu	5.3	1sw	1sw	1sw	slight	
24	0	10cu	10ci	6.7	1e	2ne	2ne	light	
25	10cu	10cu	9cu	9.7	0e	1sw	0se	„	
26	10cu	10ci	0	6.7	0se	2sw	2sw	„	H all day sirocco
27	10cu	8cu	9cu	9.0	2sw	3sw	2sw	mod.	fog a.m.
28	7cu	1ci	10ci	6.0	1se	1nw	1nw	„	H a.m.
				5.38					

* Abreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	1	1	4	3	7	1	0	11	28
14:30	1	5	1	0	1	13	3	1	3	28
20:30	0	4	0	0	0	7	2	2	13	28
Totals	1	10	2	4	4	27	6	3	27	84

Number of days with rain 10, fog 1, thunderstorms 1, gale 1.

62 yr. av. days with rain during month 14.0 days